## **AUTHOR INDEX VOLUME 3 (1984)**

(The issue number is given in front of the page numbers)

Aboudi, J., Elastoplasticity theory for porous		Kaczmarek, H., see Cailletaud, G.	(4) 333–347
materials	(1) 81–94	Keer, L.M., see Hasebe, N.	(2) 131–145
Ardell, A.J. and M.A. Przystupa, Dislocation		Keer, L.M., see Hasebe, N.	(2) 147–156
link-length statistics and elevated temperature		Kotani, Y., see Nishitani, T.	(1) 11–18
deformation of crystals	(4) 319 - 332		
		Mohamed, AM.O., see Yong, R.N.	$(4)\ 301-310$
Beltzer, A.I. and R. Parnes, Resonance radiation		Mori, T. and T. Mura, An inclusion model for	
from imperfections. Part I: A discrete dislo-		crack arrest in fiber reinforced materials	(3) 193 - 198
cation	(3) 199-210	Mura, T., see Hirose, Y.	(2) 95-110
Beltzer, A.I., see Parnes, R.	(3) 211-221	Mura, T., see Mori, T.	(3) 193-198
Benveniste, Y., On the effect of debonding on the			. ,
overall behavior of composite materials	(4) 349 - 358	Nemat-Nasser, S., see Hasebe, N.	(2) 131-145
•		Nemat-Nasser, S., see Hasebe, N.	(2) 147–156
Cailletaud, G., H. Kaczmarek and H. Policella		Nemat-Nasser, S. and M. Obata, On stress field	
Some elements on multiaxial behaviour of		near a stationary crack tip	(3) 235-243
316 L stainless steel at room temperature	(4) 333 - 347	Nishitani, T. and Y. Kotani, Nonlinear constitu-	(3) 233-243
	( )	tive equations for transient creep of viscoelas-	
Dafalias Y.F., The plastic spin concept and a		tic polymers including the effect of hydro-	
simple illustration of its role in finite plastic		static pressure	(1) 11–18
transformations	(3) 223-233	static pressure	(1) 11–18
Duva, J.M., and J.W. Hutchinson, Constitutive	(0)		(0) 005 040
potentials for dilutely voided nonlinear		Obata, M., see Nemat-Nasser, S.	(3) 235–243
materials	(1) 41-54	Oda, M., Similarity of crack geometry in statisti-	
materials	(1) 41-54	cally homogeneous rock masses	(2) 119–129
Gillis, P.P., see Jones, S.E.	(1) 35-40	Olsson, W.A., A constitutive model for frictional	
Gills, 1.1., see Jolles, S.E.	(1) 33-40	slip on rock interfaces	(4) 295–299
Hasebe, N., L.M. Keer and S. Nemat-Nasser,		Dal CV and Dahman M.C.	(1) 10 24
Stress analysis of a kinked crack initiating		Pal, S.K., see Rahman, M.S.	(1) 19–34
from a rigid line inclusion. Part I: Formula-		Parnes, R., see Beltzer, A.I.	(3) 199–210
tion	(2) 131-145	Parnes, R. and A.I. Beltzer, Resonance radiation	
Hasebe, N., S. Nemat-Nasser and L.M. Keer,		from imperfections. Part II: Dislocation ar-	(2) 211 221
Stress analysis of a kinked crack initiating		rays and asymptotic solutions	(3) 211–221
from a rigid line inclusion. Part II: Direction		Poirier, J.P., see Sotin, C.	(4) 311–317
of propagation	(2) 147 - 156	Policella, H., see Cailletaud, G.	(4) 333–347
Hashmi, M.S.J., see Haque, M.M.	(3) 245 - 256	Przystupa, M.A., see Ardell, A.J.	(4) 319–332
Haque, M.M. and M.S.J. Hashmi, Stress-strain	. ,		
properties of structural steel at strain rates of		Rahman, M.S. and S.K. Pal, Pore pressure re-	
up to 10 <sup>5</sup> per second at sub-zero, room and		sponse of earth dams in random seismic	
high temperatures	(3) 245 - 256	environment	(1) 19–34
Hegemier, G.A., see Read, H.E.	(4) 271–294	Read, H.E. and G.A. Hegemier, Strain softening	
Hirose, Y. and T. Mura, Effect of loading history	(,,=,=	of rock, soil and concrete	(4) 271 - 294
on stress corrosion cracking in high strength		Rice, J.R., On the theory of perfectly plastic	
steel	(2) 95-110	anti-plane straining	(1) 55-80
Hutchinson, J.W., see Duva, J.M.	(1) 41–54		
i ancimison, o. v., see Dura, o.ivi.	(1) 41-34	Sotin, C. and Poirier, J.P. Analysis of high-tem-	
Jones, S.E. and P.P. Gillis, Analysis of a plane		perature creep experiments by generalized	
strain neck in a flat sheet	(1) 35-40	nonlinear inversion	(4) 311-317
Strain neck in a riat sheet	(1) 35–40	nonlinear inversion	(.)

Stubbs, N. and S. Thomas, A nonlinear elastic constitutive model for coated fabrics	(2) 157–168	Williams, K.R. and M. Taylor, Creep of mild steel at low temperatures	(1) 1–10
Switek, W., Early stage crack propagation in		Willis, J.R., see Talbot, D.R.S.	(3) 171–181
fretting fatique	(3) 257–267	Willis, J.R., see Talbot, D.R.S.	(3) 183–191
Talbot, D.R.S. and J.R. Willis, The overall sink strength of an inhomogeneous lossy medium. Part I: Self-consistent estimates	(3) 171–181	Yong, R.N. and Mohamed, AM.O., Experimental study of yielding and failure of an anisotropic clay	
Talbot, D.R.S. and J.R. Willis, The overall sink		tropic clay	(4) 301–310
strength of an inhomogeneous lossy medium.		Zeuch, D.H., Application of a model for grain	
Part II: Variational estimates	(3) 183 - 191	boundary sliding to high temperature flow of	
Taylor, M., see Williams, K.R.	(1) 1-10	Carrara Marble	(2) 111-117
Thomas, S., see Stubbs, N.	(2) 157 - 168		